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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 43414	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/BR 2005/000005	International filing date (<i>day/month/year</i>) 18 January 2005 (18.01.2005)	Priority Date (<i>day/month/year</i>) 20 February 2004 (20.02.2004)
International Patent Classification (IPC) or national classification and IPC IPC⁸: B21D 28/28 (2006.01); B23K 26/00 (2006.01); B26F 1/31 (2006.01); E21B 43/08 (2006.01).		
Applicant PEGORETTI MARCOS ROGERIO		

1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I. ☒ Basis of the opinion
- II. ☐ Priority
- III. ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV. ☐ Lack of unity of invention
- V. ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI. ☐ Certain documents cited
- VII. ☐ Certain defects in the international application
- VIII. ☐ Certain observations on the international application

Date of submission of the demand 19 September 2005 (19.09.2005)	Date of completion of this report 24 May 2006 (24.05.2006)
Name and mailing address of the IPEA/AT Austrian Patent Office Dresdner Straße 87 A-1200 Vienna Facsimile No. 1/53424/200	Authorized officer BABUREK G. Telephone No. 1/53424/352

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/BR 2005/000005

I. Basis of the report

1. With regard to the **elements** of the international application:*

☒ the international application as originally filed

☐ the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement) under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

☐ the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____.

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in printed form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____.

☐ the claims, Nos. _____.

☐ the drawings, sheets/fig _____.

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as „originally filed“ and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/BR 2005/000005

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement	Novelty (N)	Claims 1-4	YES
		Claims ----	NO
	Inventive step (IS)	Claims 1-4	YES
		Claims ----	NO
	Industrial applicability (IA)	Claims 1-4	YES
		Claims ----	NO

Citations and explanations (Rule 70.7)

The following documents have been cited in the Search Report prepared by the Austrian Patent Office and dated from the 10.05.2005:

D1: WO2004/001186A1
D2: US4343358A
D3: US5059256A
D4: EP0432958A1
D5: US2003/0089495A1

Documents D1 – D5 disclose pipes comprising slots that were fabricated by laser beams. Documents D1 – D5 do not disclose a method for fabricating pipes comprising a cleaning of the pipes, placing it on a receiving table, positioning and fixing the pipes in a cutting cabin, execution of a first sequence of slots in the pipes by a laser or plasma beam, angle rotation of the pipes by a rotating plate, execution of a second sequence of slots in the pipes, cleaning the pipes and painting the pipes, according the characteristic features of claim 1 of the present application.

Therefore the subject matter of claim 1 is novel with respect to each one of the prior art documents D1 – D5 and involves an inventive step.

Also the characteristic features of claims 2-4 are not disclosed in the state of the art. Therefore it can be considered that also the subject matter of claims 2-4 is, compared to each one of the documents D1 – D5, novel and involves an inventive step.

Industrial applicability is given.